

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	163
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	92
20200100	EARTH EXCAVATION	CU YD	300
20300100	CHANNEL EXCAVATION	CU YD	725
20400800	FURNISHED EXCAVATION	CU YD	960
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.7
25100630	EROSION CONTROL BLANKET	SQ YD	141
28000300	TEMPORARY DITCH CHECKS	EACH	6
28000400	PERIMETER EROSION BARRIER	FOOT	650
28000500	INLET AND PIPE PROTECTION	EACH	3
28100209	STONE RIPRAP, CLASS A5	TON	705
28200200	FILTER FABRIC	SQ YD	680
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	743
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	70
50300225	CONCRETE STRUCTURES	CU YD	98.1
50300280	CONCRETE ENCASEMENT	CU YD	7.8
50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SO FT	1,650
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1,770
50800105	REINFORCEMENT BARS	POUND	8,940
50900205	STEEL RAILING, TYPE S-1	FOOT	232
51201005	FURNISHING METAL SHELL PILES 12"	FOOT	678
51202305	DRIVING PILES	FOOT	678
51203200	TEST PILE METAL SHELLS	EACH	2
51204650	PILE SHOES	EACH	22
51500100	NAME PLATES	EACH	1
54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	118
67100100	MOBILIZATION	L SUM	1
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION, LOCATION 1	EACH	1
X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION, LOCATION 2	EACH	1

① SEE SPECIAL PROVISIONS

CONSTRUCTION CODE TYPE: X080-2A

EARTHWORK SUMMARY

STATION TO STATION	EARTH EXCAVATION	CHANNEL EXCAVATION	STRUCTURE EXCAVATION	FILL	WASTE (SHORTAGE)
	CU YD	CU YD	CU YD	CU YD	CU YD
RDWY 17+25.00 - 19+42.00	81			514	(453)
RDWY 20+58.00 - 22+75.00	217			668	(505)
CHANNEL		724			
STRUCTURE			71		
TOTAL	298	724	71	1,182	(958)
USE	300	725	70	-	(960)

(@ 25% SHRINKAGE)

TREE REMOVAL

STATION	OFFSET	SIDE	6 TO 15 UNITS	OVER 15 UNITS
18+70	18'	RIGHT	12	
18+77	31'	RIGHT	9	
19+02	34'	RIGHT	9	
19+12	29'	RIGHT	12	
19+12	29'	RIGHT	14	
19+31	37'	RIGHT	11	
19+31	37'	RIGHT	9	
19+31	37'	RIGHT	6	
19+33	36'	RIGHT	11	
19+40	36'	RIGHT	6	
19+40	36'	RIGHT	11	
19+42	32'	RIGHT		18
19+44	28'	RIGHT	8	
19+46	22'	RIGHT	10	
19+46	22'	RIGHT	6	
19+49	23'	RIGHT	11	
19+67	28'	LEFT	8	
19+82	28'	LEFT		18
20+10	18'	RIGHT		16
20+49	20'	RIGHT		20
20+53	18'	RIGHT		20
21+37	40'	LEFT	10	
TOTAL			163	92

TEMPORARY DITCH CHECKS

STATION	SIDE	EACH
17+50	RIGHT	1
18+10	LEFT	1
18+25	RIGHT	1
21+50	RIGHT	1
22+35	RIGHT	1
22+40	LEFT	1
TOTAL		6

PERIMETER EROSION BARRIER

STATION TO STATION	SIDE	FOOT
17+75 - 18+15	RIGHT	40
18+10 - 19+40	LEFT	155
18+25 - 19+40	RIGHT	130
20+60 - 21+70	LEFT	130
20+60 - 21+50	RIGHT	110
21+60 - 22+00	RIGHT	40
21+70 - 22+10	LEFT	45
TOTAL		650

EROSION CONTROL BLANKET

STATION TO STATION	SIDE	WIDTH	LENGTH	AREA (SQ YD)
17+25 - 17+77	RIGHT	6'	52'	35
18+17 - 18+25	RIGHT	6'	8'	5
21+50 - 21+61	RIGHT	6'	11'	7
22+01 - 22+75	RIGHT	6'	74'	49
22+08 - 22+75	LEFT	6'	67'	45
TOTAL				141

INLET & PIPE PROTECTION

STATION	SIDE	EACH
17+77	RIGHT	1
22+01	RIGHT	1
22+08	LEFT	1
TOTAL		3

AGGREGATE SURFACE COURSE, TYPE B

STATION TO STATION	THICKNESS	WIDTH	LENGTH	TON
17+25.00 - 17+75.00	1.00'	18.90' AVG.	50.00'	66
17+75.00 - 19+42.00	1.00'	25.00'	167.00'	292
ABUTMENT BACKFILL - SEE SPECIAL PROVISIONS				
20+58.00 - 22+25.00	1.00'	25.00'	167.00'	292
22+25.00 - 22+75.00	1.00'	18.98' AVG.	50.00'	66
TOTAL				743

PIPE CULVERTS, CLASS D, TYPE 1 15"

STATION	SIDE	FOOT
17+96	RIGHT	40
21+82	RIGHT	40
21+90	LEFT	38
TOTAL		118